

Albania 2023 Technical Document

Albania Sampling

A stratified multi-stage cluster sample design was used to complete 1,000 face-to-face surveys.

Target Population/Coverage: Non-institutionalized adult population (15 years of age or older) living in households. Stratification and selection used information from the 2011 population census provided by the Albanian Institute of Statistics (INSTAT) and the 2021 voting center list from the Central Election Commission. People living in remote or difficult-to-access rural areas were excluded. The excluded area represents approximately 2% of the population.

Stratification: The sampling frame was stratified by geographic region (county) and urbanicity, resulting in a total of 24 strata groups. These include the 12 counties ('Qark'): Berat, Dibra, Durres, Elbasan, Fier, Gjirokastra, Korca, Kukes, Lezha, Shkodra, Tirana and Vlora. The counties were then further stratified by urban/rural status as defined by the central statistical office.

Sample Selection: Primary Sampling Units (PSUs) are electoral districts (Unified' Voting Center areas). PSUs were selected using probabilities proportional to population size, where the number of registered voters from the 2021 parliamentary elections was the measure of size. A total of 125 PSUs were selected.

Within each selected PSU a random starting point was identified. Using the right-hand rule and a fixed interval of 3 households (i.e. every third household is selected), interviewers selected eligible households until the required number of interviews were completed. In large apartment buildings (with 10 or more residential units), an interval of 5 was used. Within each selected household, interviewers listed all eligible (15+ adults) individuals and the CAPI program randomly selected a respondent. In case of refusals or non-contacts, households were replaced along the random route using the same interval.

Data Collection: July 28, 2023 – November 13, 2023

AAPOR3 response rate: 48%

Weighting: The sample data were weighted to minimize bias in survey-based estimates. The weighting procedure was formulated based on the sample design and was carried out in multiple stages. A probability weight factor (base weight) was constructed to correct for unequal selection probabilities. At the next step, the base weights were post-stratified to adjust for non-response and to match the weighted sample totals to known target population totals obtained from country-level census data.

Design Effect: 2.03

Margin of error: $\pm 4.4\%$ (95% confidence level)

Population sources used for constructing weights were based on the following:

Age, Gender, Education, Region/Strata: Census 2011, The Institute of Statistics (INSTAT)

Age	SAMPLE_UNWTD	SAMPLE_WTD	TARGET
15-24	6.9	19.3	23.1
25-34	9.6	16.3	16.0
35-49	13.6	24.9	24.6
50-64	29.3	23.6	22.0
65+	40.6	15.9	14.3
Education	SAMPLE_UNWTD	SAMPLE_WTD	TARGET
No education/Primary/Lower secondary	46.5	54.2	56.8
Upper secondary education	35.7	32.9	31.4
Higher	17.8	12.8	11.8
Sex	SAMPLE_UNWTD	SAMPLE_WTD	TARGET
Male	35.4	47.0	49.6
Female	64.6	53.0	50.4
Region/Strata	SAMPLE_UNWTD	SAMPLE_WTD	TARGET
Berat -- Urban	2.4	2.5	2.4
Berat -- Rural	2.4	2.6	2.8
Diber -- Urban	1.6	1.3	1.2
Diber -- Rural	3.2	3.4	3.4
Durres -- Urban	7.2	7.5	7.0
Durres -- Rural	2.4	2.0	2.3
Elbasan -- Urban	4.0	4.3	4.2
Elbasan -- Rural	6.4	6.0	6.3
Fier -- Urban	4.8	4.4	4.5
Fier -- Rural	6.4	6.4	6.7
Gjirokaster -- Urban	1.6	1.5	1.4
Gjirokaster -- Rural	1.6	1.4	1.3
Korce -- Urban	3.2	3.0	3.3
Korce -- Rural	4.8	4.7	4.8
Kukes -- Urban	0.8	1.0	0.9
Kukes -- Rural	1.6	1.7	1.8
Lezhe -- Urban	2.4	2.5	2.5
Lezhe -- Rural	2.4	2.4	2.2
Shkoder -- Urban	3.2	3.4	3.4
Shkoder -- Rural	4.0	4.0	4.2
Tirana -- Urban	19.2	19.6	19.3
Tirana -- Rural	8.0	8.2	7.7
Vlora -- Urban	4.0	4.3	4.2
Vlora -- Rural	2.4	2.0	2.2